

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re the Application of:

Yoo et al

Group Art Unit: unknown

Serial No.: 10/023,125

Atty. Docket No. AMAT/5730

Filed: December 17, 2001

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Title: Pulse Nucleation Enhanced Nucleation Technique for Improved Step Coverage and Better Gap Fill

for WCVD Process

Examiner: unknown

ASSOCIATE POWER OF ATTORNEY (37 CFR 1.34)

The Assignee requests that the Patent and Trademark Office recognize as Associate Practitioners in this case:

> B. Todd Patterson, Registration No. 37,906, William B. Patterson, Registration No. 34,102, Keith M. Tackett, Registration No. 32,008, and Raymond R. Moser, Jr., Registration No. 34,682, at MOSER, PATTERSON & SHERIDAN, L.L.P. 3040 Post Oak Blvd., Suite 1500 Houston, Texas 77056

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These Associate Practitioners are authorized to transact all business in the Patent and Trademark Office connected with this application and to receive the Letters Patent.

The Assignee hereby revokes any previous power of attorney to Kenneth C. Brooks.

Please forward all further communications regarding this application to:

B. Todd Patterson at Moser, Patterson & Sheridan, L.L.P.

Respectfully submitted,

APPLIED MATERIALS, INC.

Date: 3/28/02

Walter Benjamin Glerin Registration No. 44,713

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Santa Clara, California 95052

3/25 3/25 17/200/ Materials Inc.	The Patent & Trademark Office acknowledges and has stamped (2) increased the date of receipt of the items checked below which were (3) increased the control of the items checked below which were (3) increased the control of the items checked below which were (3) increased the control of the	NATH/DECLARATION S. FEE\$	SHEET(S) OF DRAWING(S) FORMAL/INFORMAL ANMENT-RECORDAL FEE\$	CE SIT ACCOUNT	RIK APPLICATION IT RE STATEMENT	SION OF TIME	MAILLOG# 10695
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FACSIMILE COVER SHEET

DATE:	November 15, 2002	FILE NO:	AMAT/5730/TCG/WCVD/LE							
TO:	Office of Initial Patent Ex	kamination	FAX NO:	IO: (703) 746-4060						
COMPANY:	United States Patent and Trademark Office									
FROM:	B. Todd Patterson	PAGE(S): with cover	4							
MESSAGE:		12 14 1 2 1	Original to Follow	☐ YES	⊠ NO					

ASSOCIATE POWER OF ATTORNEY MAILED APRIL 8, 2002

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Inventor:

Tolles, et al.

CONFIDENTIALITY NOTE